

# Converting Colors

Hex(5A8FEF)

Have a look what the booklet for  
Hex(5A8FEF) contains.

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# **Color**

**Hex(5A8FEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A8FEF
RGB	90, 143, 239
RGB Percent	35%, 56%, 94%
CMY	0.6471, 0.4392, 0.0627
CMYK	0.62, 0.40, 0.00, 0.06
HSL	219°, 82%, 65%
HSV	219°, 62%, 94%
XYZ	29.6189, 28.0506, 85.5146
YIQ	138.0970, -62.4040, 18.6200

# Conversions

## Conversions Part 2

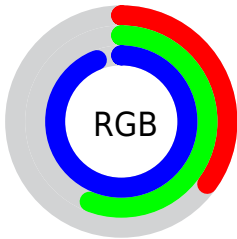
Format	Color
R <sub>Y</sub> B	90, 129, 239
Decimal	5935087
CIE Lab	59.93, 11.68, -53.60
CIE LCh	60, 54.862, 282.294
Yxy	28.0506, 0.2069, 0.1959
Android (android.graphics.Color)	4284125167 (0xFF5A8FEF)
YUV	138.0970, 49.7452, -42.1811
Hunter-Lab	52.9628, 7.1394, -58.6566

# Details

The Hex color **5A8FEF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **EFBA5A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **98C4FF**, and **005DB6** is the 20% darker color. If you saturate the color by 10%, you get **4280EF**, and if you desaturate by 10%, it is **729EEF**.

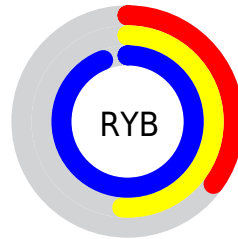
# Distribution



Red (35%)

Green (56%)

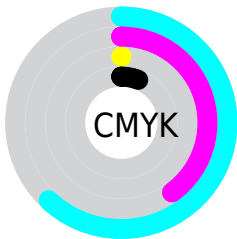
Blue (94%)



Red (35%)

Yellow (51%)

Blue (94%)

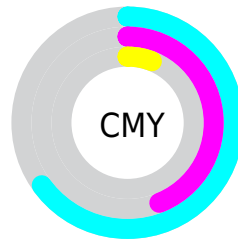


Cyan (62%)

Magenta (40%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (44%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A8FEF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5A8FEF by changing the saturation by 10% instead.



 5A8FEF

 5A8FEF

FFFFFF

 3776D2

 98C4FF

 005DB6

 B6E0FF

 00469B

 D4FDFF

 003181

 F2FFFF

 001D67

 00014E

 000536

 000220

 000004

■ 5A8FEF

■ 5A8FEF

■ 4280EF

■ 729EEF

■ 2A70EF

■ 8AAEEF

■ 1261EF

■ A2BDEF

■ 0055EF

■ BACDEF

■ D2DCEF

■ E9EBEF

■ FFFBEF

■ FFFFEF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



009EEC



5A8FEF



AD7BD8

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5A8FEF



DF7152



00A671

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5A8FEF



EFBA5A

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62A045



5A8FEF



C28430

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5A8FEF



E9647E



989429



00A8A3

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5A8FEF



CE6EBE



989429



2AA461



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5A8FEF



CFE0FF



5AEFB8



626D80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5A8FEF



4084FF



6E5AEF



6C7078



0041B8



001438



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EF5A8F



FF4084



DBEF5A



786C70



B80041



380014



# Previews

## White Background



This preview shows how the Hex color 5A8FEF looks on a white background.

## Color Contrast Check

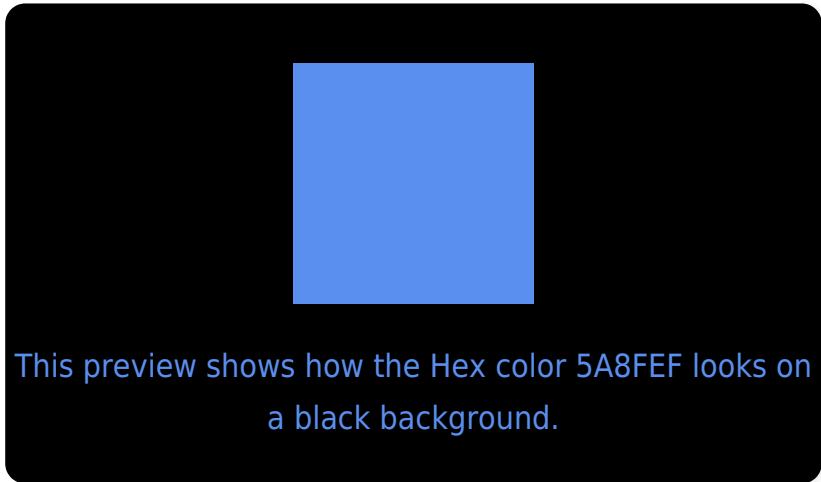
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

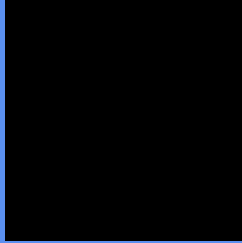
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

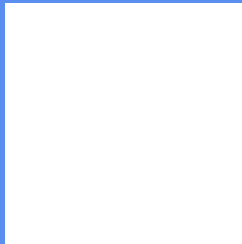
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A8FEF Background



This preview shows how black text looks on a background with the Hex color 5A8FEF.

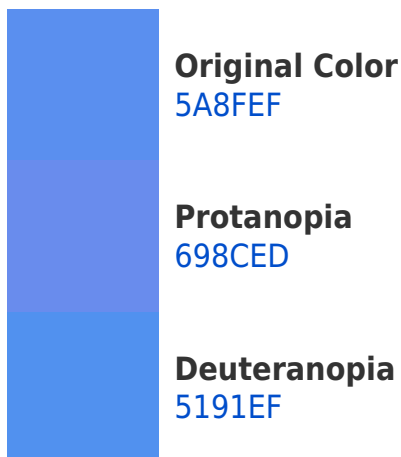


This preview shows how white text looks on a background with the Hex color 5A8FEF.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

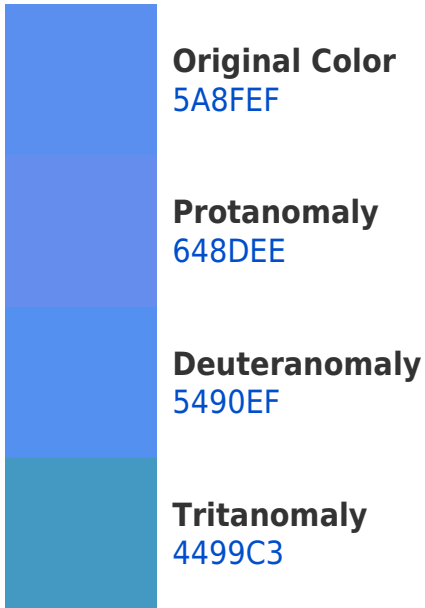
## Dichromacy



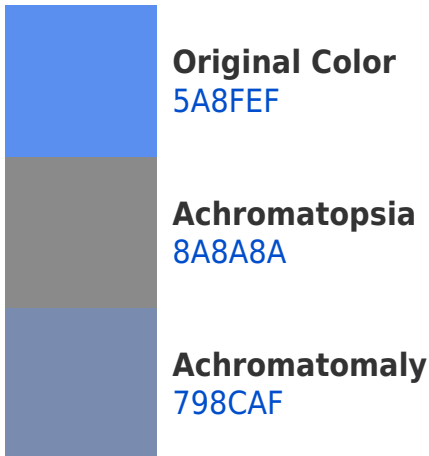


**Tritanopia**  
379EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A8FEF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5A8FEF looks like.

```
.text, #text, p{  
    color:#5A8FEF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5A8FEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8FEF
}
```

## Border

The CSS property to change the border of an element to Hex 5A8FEF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A8FEF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5A8FEF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5A8FEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8FEF; -webkit-box-shadow:4px 4px  
4px 4px #5A8FEF; box-shadow:4px 4px 4px  
4px #5A8FEF }
```

# Background

The CSS property to change the background color of an element to Hex 5A8FEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8FEF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5A8FEF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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